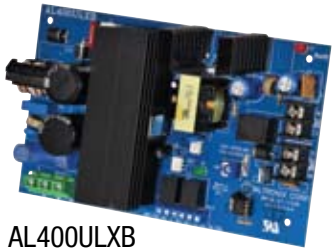
AL400ULXB
Off-line Switching Power Supply/Charger

Rev. DSAL400ULXB_01172012



AL400ULXB

Overview

AL400ULXB is a UL Recognized power supply/charger which converts a 115VAC, 60Hz input into a single 12VDC or 24VDC Class 2 Rated power limited output.

Specifications

Input:
- Input 115VAC, 60Hz, 1.45 amp.
- Input fuse rated @ 3.5 amp/250V.

Output:
- 12VDC or 24VDC selectable output.
- 12VDC @ 4 amp or 24VDC @ 3 amp supply current.
- Class 2 Rated power limited output.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.

Battery Backup *(cont'd)*:
- Maximum charge current 0.7 amp.

Supervision:
- AC fail supervision (form "C" contacts).
- Low battery supervision (form "C" contacts).
- Battery presence supervision (form "C" contacts).

Visual Indicators:
- AC input and DC output LED indicators.

Electrical:
- Operating temperature: 0º C to 49º C ambient.
- 18-27 BTU/Hr.
- System AC input VA requirement: 166.75VA.

Mechanical:
- Product weight (approx.): 1.4 lbs. (0.64 kg.).
- Shipping weight (approx.): 1.6 lbs. (0.73 kg.).

Agency Approvals

UL Recognized component for Access Control System Units (UL 294),
Standard for Power Supplies for Use with Burglar-Alarm Systems (UL 603),
Hospital Signaling and Nurse Call Equipment (UL 1069),
Standard for Safety for Fire Protective Signaling Systems (UL 1481).

Board Dimensions *(L x W x H) (approximate)*:

4.5" (114.3mm) x 7.5" (190.5mm) x 2.7" (51.05mm)